Oregon Department of Transportation

Research Group RESEARCH GROUP REPORTS 1995 - Current

Committee Structure

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SPR Projects

Project
Selection
Process

Research Notes

New Projects

T2 Program

Planning

DATE	TITLE OF REPORT	ABSTRACT
DAIL	LaGrande/Island City Case Study: Indirect Land Use	ABOTRACT
June '01	and Growth Impacts of Highway Improvements	abstract
	Final Report 1,358KB	
June '01	Cementitious Materials for This Patches	<u>abstract</u>
May '01	Micro-Deval Coarse Aggregate Test Evaluation Final Report - 850KB	<u>abstract</u>
April '01	A Guidebook for Evaluating the Indirect Land Use and Growth Impacts of Highway Improvements	abstract
Αριίι στ	Final Report - 259KB Appendices - 3282KB	abstract
March '01	Acceptance Procedures for Dense-Graded Mixes Literature Review - 329KB	abstract
March '01	Herbicide Use in the Management of Roadside Vegetation, Western Oregon, 1999 2000: Effects on the Water Quality of	abstract
	Nearby Streams	
March '01	<u>Lane Transit District "Curb Your Car" Project</u> Final Report - 296KB	abstract
March '01	Roadwaste Management: Field Trials Final Report - 662KB	abstract
March '01	Adiem II End Terminal for Concrete Barrier Final Report - 1,711KB	abstract
January '01	Evaluation of Modified Work Zone Traffic Control Devices at Business Accesses	abstract
odilidary of	Final Report - 1,436KB	<u>abotraot</u>
January '01	Factors Affecting Sign Retroreflectivity Final Report - 155KB	abstract
December '00	Evaluation of Infrared Treatments for Managing Roadside Vegetation - Main Report - 839 KB	abstract
December 00	Appendices - 3669 KB	abstract
September '00	Ashland Reduced Transit Fare Demonstration Project	abstract
1	Final Report - 155KB	
September '00	Laboratory Comparison of Solvent-Loaded and Solvent-Free Emulsions	abstract
	Interim Report - 2315KB	<u>usoti dot</u>

September '00	Injected Polyurethane Slab Jacking Interim Report - 519KB	<u>abstract</u>
August '00	Lighted Guidance Tube Evaluation Final Report - 867KB	abstract
June '00	Evaluation of Rocky Point Viaduct Concrete Beam Final Report - Main Report - 6889KB Appendices - 207KB	abstract
June '00	Asphalt Cement Chip Seals in Oregon Construction Report - 2673KB	abstract
June '00	Testing of Full-size Reinforced Concrete Beams Strengthened with FRP Composites: Experimental Results and Design Methods Verification - Final Report Main Report - 700KB Appendices -2437KB	abstract
April '00	Desert Varnish Evaluation Dabney State Park Construction Report - 1206KB	abstract
January '00	Indirect Land Use and Growth Impacts of Highway Improvements - Interim Report - 87KB	abstract
February '99	Albany Case Study: Indirect Land Use and Growth Impacts Interim Report - 3,052KB	abstract
January '00	Bend Case Study: Indirect Land Use and Growth Impacts Interim Report - 2.8KB66	abstract
August '99	Grants Pass Case Study: Indirect Land Use and Growth Impacts - Interim Report - 6867KB	abstract
December '99	McMinnville Case Study: Indirect Land Use and Growth Impacts Interim Report - 1655KB	abstract
April '00	Watertight Pipe Joint Survey Final Report - 264KB	abstract
April '00	Steel Slag in Hot Mix Asphalt Concrete Final Report - 848KB	abstract
April '00	Seismic Protection Devices - West Marquam Bridge Interchange Final Report - 3890KB	abstract
March '00	Finite Element Modeling of Residual Stresses in Electroslag Butt Welds - Final Report - 10,707KB	abstract
February '00	Behavior of Concrete Specimens Reinforced With Composite Materials - Laboratory Study - 7,769KB	abstract
February '00	Polypropylene Fiber-Reinforced Microsilica Concrete Bridge Deck Overlay at Link River Bridge - Final Report - 1,738KB	abstract
December '99	Fatigue Crack Modeling in Bridge Deck Connection Details - Final Report - 600KB	abstract
November '99	A Comparison of Pressure Treated Wood and Cedar Signposts - Final Report - 707KB	abstract
September '99	Effect of Weight-Mile Tax on Road Damage in Oregon Final Report - 1,479KB	abstract

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November '99	Monitoring of Soil Nailed Walls at the Highway 217 and Highway 26 Interchange - Final Report - 2,822KB	<u>abstract</u>
October '99	Predicting Scour In Weak Rock of the Oregon Coast Range Final Report - 1,157KB	<u>abstract</u>
September '99	The Study of Chloride Ion Migration in Reinforced Concrete Under Cathodic Protection - 669KB	<u>abstract</u>
September '99	Millabrading Test Evaluation Construction Report - 242KB	<u>abstract</u>
June '99	Development of Maintenance Practices for Oregon F-Mix Interim Report - 204KB	<u>abstract</u>
June '99	Oregon's Mobility Needs: Social Service Provider Survey Final Report - 220KB	<u>abstract</u>
June '99	Compaction and Measurement of Field Density for Oregon Open-Grades (F-Mix) Asphalt Pavements - Final Report - 245KB	<u>abstract</u>
June '99	Epoxy Coated Reinforcement Study Final Report - 898KB	abstract
June '99	Guardrail Installation Noise Level Evaluation Final Report - 264KB	abstract
March '99	<u>Ticket Taker Automation</u> Final Report - 214KB	<u>abstract</u>
March '99	Geosynthetics for Reflective Crack Control Construction Report - 104KB	<u>abstract</u>
December '98	Oregon's Mobility Needs: General Population Survey and Transportation Provider Survey Final Report - 351KB	abstract
December '98	The Oregon DOT Slow-Speed Weigh-in-Motion (SWIMM) Practices - Final Report -390KB	<u>abstract</u>
	Evaluation of Supplemental Shields at Railroad Crossings - Final Report	<u>abstract</u>
	Superpave Binder Implementation Final Report	abstract
December '98	Port of Entry Advanced Sorting System (PASS) Operational Test - Final Report - 187KB	abstract
January '99	Field Application of An Arc-Sprayed Titanium Anode For Cathodic Protection of Reinforcing Steel in Concrete Final Report - 22,6568KB	abstract
	Establishment of QC/QA Procedures for Open-Graded Mixtures Final Report - 155KB	<u>abstract</u>
	Research Management Peer Exchange	no abstract
August '98	Improving Winter Pothole Patching Final Report - 65KB	abstract

November 98	Desert Varnish - Rocky Point Viaduct Final Report	abstract
	Ten Year Performance at Asphalt Additive Test Sections: Lava Buttte-Fremont Hwy Junction	abstract
	Concrete Bridge Deck with Isotropic Reinforcing: Short Term Evaluation - Final Report	abstract
	Roadwaste: Issues and Options Interim Report	abstract
	Using LEDs in Traffic Signals Final Report	abstract
July '98	Three Cable Median Barrier Final Report - 33,809KB	abstract
	Management of Stormwater Facility Maintenance Residuals Final Report	abstract
July '98	Prioritization of Mobility Improvements Using a Multicriteria Prioritization Algorithm Final Report	<u>abstract</u>
	Evaluation of Supplemental Shields at Railroad Crossings Final Report	abstract
	Pavement Smoothness Indices	white paper
	Evaluation of the Corridor Safety Improvement Program Phase I Final Report	<u>abstract</u>
February '98	Fiber Optic Sensors for Infrastructure Applications Final Report - 1742KB	<u>abstract</u>
June '98	Modern Roundabouts for Oregon - 1,288KB	abstract
	Scourablility of Weak Rock in the Oregon Coast Range - Final Report	abstract
	Eliminating the Use of Ticket Takers. Final Report.	abstract
	Comparison of Skid Resistance Testing to Stopping Distance Testing Final Report	abstract
	Prestressed Concrete Bridge Beams with Microsilica Admixture Final Report	abstract
March '98	ADIEM II End Terminal for Concrete Barrier. Construction Report	abstract
	Silica Fume Latex Modified Concrete Bridge Deck Overlay – Tualatin River Bridge #1417N. Final Report	abstract
	Future Transportation Trends and Technology.	abstract
	Strengthening Bridges Using Composite Materials Final Report	abstract

	Evaluation of Revised Left Turn Signalization. Final Report	abstract
	Evaluation of DUII Sentencing Practices in Oregon Final Report	abstract
	ET-2000 Extruder Guardrail End Terminal Final Report	abstract
November '95	Geotextile Reinforced Bridge Approach Embankment Final Report	abstract
	Alternative Snow and Ice Control Methods - Field Evaluation Final Report	abstract
	Recycled Plastics in Highway Construction and Maintenance Final Report	<u>abstract</u>
	Polymer Modified Chip Seal Test on Oregon Route #22 Final Report	abstract
	Latex and Microsilica Modified Concrete Bridge Deck Overlays in Oregon Final Report	<u>abstract</u>
	Armoform Articulating Block Mat Erosion Control System. Final Report	abstract
	Low Volume Highway-Rail Grade Crossing Treatments for the Oregon High Speed Rail Corridor - Final Report	abstract
	Repair of Studded Tire Damage Pilot Project MP 276-279 (I-5) Sec Construction Report	<u>abstract</u>
	Lock-Pin and Collar Fastening System Final Report	abstract
	Serb Guardrail - South Ashland Interchange, California State Line Section Pacific Highway (Interstate 5), Jackson County, Oregon - Final Report	<u>abstract</u>
	Microsilica Modified Concrete for Bridge Deck Overlays Final Report	abstract
	Least Cost Transportation Planning in ODOT Final Report	abstract
	Raised and Recessed Pavement Markers	abstract
	Field Test of Polymer Modified Asphalt Concrete (Murphy Rd. To Lava Butte Section)	abstract
	Repair of Rutting Caused by Studded Tires Literature Review-	<u>abstract</u>
	Metro RUMAC Lakeview - Matney Rd - Construction Report	<u>abstract</u>

Overlay Design for Unstable Asphalt Mixes Final Report	<u>abstract</u>
Polymer Concrete Bridge Deck Overlays	<u>abstract</u>
Evaluation of Ice Alert®	no abstract
A Numerical Investigation into the Performance of the Soil Nail Wall Pile Foundation	<u>abstract</u>
Evaluation of PBA-6GR Binder for Open-Graded Asphalt Concrete Construction Report	<u>abstract</u>
Evaluation of Porous Pavements for Road Surfaces Final Report	<u>abstract</u>
Cold Recycle Pavement Using Urea Urethane Dispersion Agent and Rubber Final Report	<u>abstract</u>
Determination of Proper Mixing and Compacting Temperatures of Laboratory Fabricated Asphalt Concrete Specimens - Final Report	<u>abstract</u>
Crumb Rubber Modified Asphalt Concrete in Oregon Summary Report	<u>abstract</u>
Evaluation of the Reference Electrodes Embedded in Reinforced Concrete	<u>abstract</u>
Exploratory Study of Hot In-Place Recycling of Asphalt Pavements - Final Report	<u>abstract</u>
The Nature of Rockfall as the Basis for a New Fallout Area Design Criteria for 0.25:1 Slopes Final Report	<u>abstract</u>
Field Control of Asphalt Paving Mixtures Final Report	<u>abstract</u>
Evaluation of Rutting Potential of Oregon Surface Mixes Final Report	<u>abstract</u>
Pavement Markings Using Waterborne Paint and Visibeads® in Region 2 - Final Report	<u>abstract</u>
Base Isolation Bearings	<u>abstract</u>
This section is maintained by Dobovah Mortines	

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Last Update: 06/28/01